

Title (en)
INTERLAYER COMPOSITION FOR ELECTRONIC PRINTING

Title (de)
ZWISCHENSCHICHTZUSAMMENSETZUNG ZUM ELEKTRONISCHE DRUCKEN

Title (fr)
COMPOSITION INTERCOUCHE POUR IMPRESSION ÉLECTRONIQUE

Publication
EP 3257906 A1 20171220 (EN)

Application
EP 17172581 A 20170523

Priority
US 201615164669 A 20160613

Abstract (en)
The present disclosure is directed to a composition including a polyvinyl butyral represented by the following formula: wherein A, B and C represent a proportion of corresponding repeat units expressed as a weight percent, wherein each repeat unit is randomly distributed along a polymer chain and wherein the sum of A, B and C is about 100 weight percent; a poly(melamine-co-formaldehyde) based polymer and an anhydride. Devices coated with the composition and cured films formed from the composition comprising conductive features are also provided.

IPC 8 full level
C09D 11/10 (2014.01); **B32B 7/12** (2006.01); **B32B 27/42** (2006.01); **C08J 7/043** (2020.01); **C08J 7/044** (2020.01); **C09D 11/103** (2014.01); **C09D 11/106** (2014.01); **C09D 11/52** (2014.01); **C09D 129/14** (2006.01)

CPC (source: CN EP US)
B32B 7/12 (2013.01 - EP US); **B32B 27/42** (2013.01 - EP US); **C08J 5/18** (2013.01 - CN); **C08J 7/0423** (2020.01 - CN EP US); **C08J 7/043** (2020.01 - CN EP US); **C08J 7/044** (2020.01 - CN EP US); **C08L 29/14** (2013.01 - CN EP US); **C08L 61/28** (2013.01 - US); **C08L 63/00** (2013.01 - US); **C09D 11/10** (2013.01 - EP US); **C09D 11/103** (2013.01 - EP US); **C09D 11/106** (2013.01 - EP US); **C09D 11/52** (2013.01 - EP US); **C09D 129/14** (2013.01 - EP US); **C09D 161/28** (2013.01 - US); **C09D 163/00** (2013.01 - US); **H05K 3/386** (2013.01 - CN); **C08J 2329/14** (2013.01 - CN); **C08J 2367/02** (2013.01 - US); **C08J 2429/14** (2013.01 - US); **C08J 2461/28** (2013.01 - US); **C08J 2461/32** (2013.01 - CN); **C08J 2463/00** (2013.01 - US); **C08L 2203/16** (2013.01 - CN); **C08L 2203/20** (2013.01 - CN); **C08L 2205/03** (2013.01 - US); **H05K 2201/017** (2013.01 - CN)

Citation (applicant)
• US 2012043512 A1 20120223 - LIU PING [CA], et al
• US 8324294 B2 20121204 - WU YILIANG [CA], et al
• US 2014312284 A1 20141023 - LIU PING [CA], et al

Citation (search report)
• [X] CN 103589269 B 20160420
• [I] US 2014374672 A1 20141225 - CHOPRA NAVEEN [CA], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3257906 A1 20171220; **EP 3257906 B1 20200805**; CN 107488321 A 20171219; CN 107488321 B 20211221; US 10208224 B2 20190219; US 2017355871 A1 20171214

DOCDB simple family (application)
EP 17172581 A 20170523; CN 201710307510 A 20170504; US 201615164669 A 20160613